

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	19151	Agenda Number	2.
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Meeting Date:	10/11/2012	Department:	Austin Energy
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Subject

Approve the issuance of a performance based incentive to Foundation Communities Austin One Housing Corporation for the generation of solar energy at its facility located at 2501 S. IH 35, Austin, Texas, for an estimated \$21,060 per year with the total amount not to exceed \$210,600 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$21,060 is available in the Fiscal Year 2012-2013 Operating Budget of Austin Energy. Funding for the remaining years of the contract is contingent upon available funds in future budgets.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Leslie Libby, Solar Program Manager, 482-5390; Scott Jarman, Interim Director of Energy Efficiency Services, 482-5307.
Boards and Commission Action:	Recommended by the Electric Utility Commission and the Resource Management Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a performance based incentive (PBI) to Foundation Communities Austin One Housing Corporation, for an estimated \$21,060 per year, not to exceed \$210,600 over the 10-year period, for the generation of solar energy at 2501 S. IH 35, Austin, Texas 78741. The total cost of the energy improvements are \$275,000 and the incentive will cover between 63% and 77% of the cost. The PBI level for this project is \$0.14 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 382 solar modules rated at 250 watts and associated inverters rated at 96% efficiency. A total of 73.5 kW in demand savings is expected.

This energy improvement will save an estimated 130,785 kWh per year—enough to provide electricity to 12 average Austin homes for a year—and produce an estimated 131 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,018 trees or 101 acres of forest in Austin's parks or the removal of 176,322 vehicle miles or 15 cars from Austin roadways. This project will save 87 tons of Carbon Dioxide (CO₂); 109 pounds of Sulfur Dioxide (SO₂); 121 pounds of Nitrogen Oxide (NO_x), and 84 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.